



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, February 4, 2018

Issued: 0800 CT

Day 1 Weather Hazards: No Significant Weather Impacts.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Brian Hoeth
817-978-1100 x 147**

Key Points



Today

- No Significant Weather Impacts

Monday

- Elevated Fire Weather Conditions in E NM

Tuesday

- Isolated Heavy Rain/Flooding possible in NE TX, N LA, S AR
- Elevated Fire Weather Conditions in S NM into Far West TX

Wednesday

- No Significant Weather Impacts

Thursday

- Elevated Fire Weather Conditions in E NM into the TX/OK Panhandles

FEMA Region 6 Threat Matrix

Feb 4, 2018 through Feb 8, 2018

DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms					
Heavy Rain / Flash Flooding			NE TX, N LA, S AR		
Fire Weather		E NM	S NM into Far West TX		E NM into the TX/OK Panhandles
Winter					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

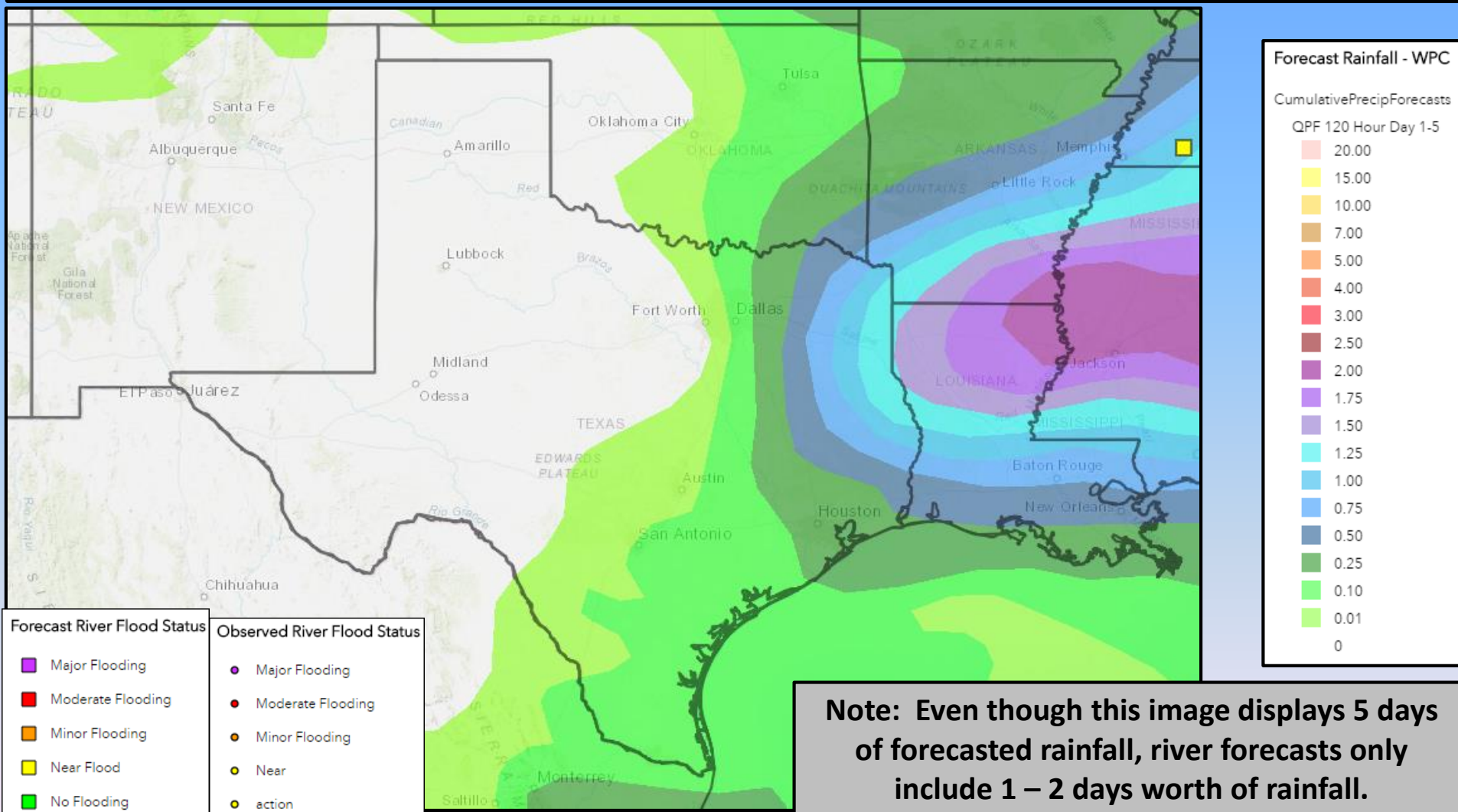
For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

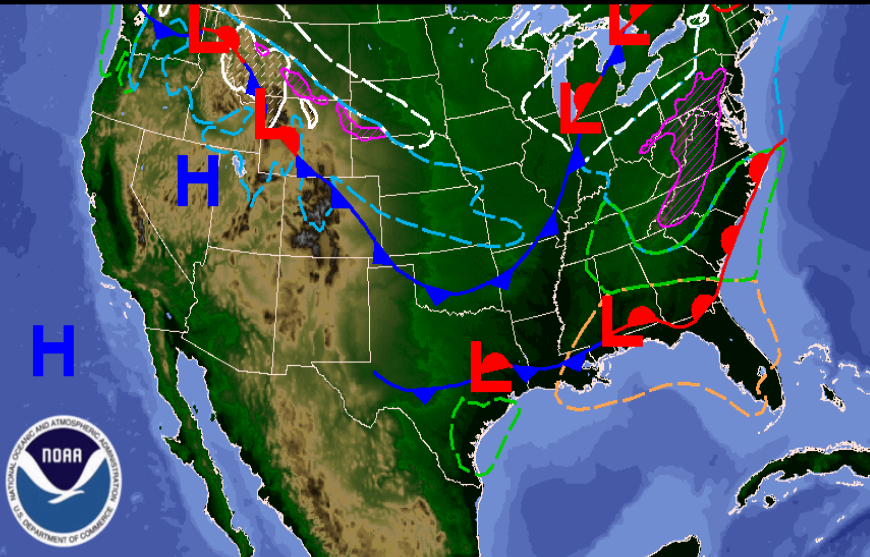
No river flooding is observed or expected.

Beneficial rain is forecast on Tuesday for drought stricken areas in eastern portions of the Region.



See <http://water.weather.gov/ahps> for the latest on river flooding

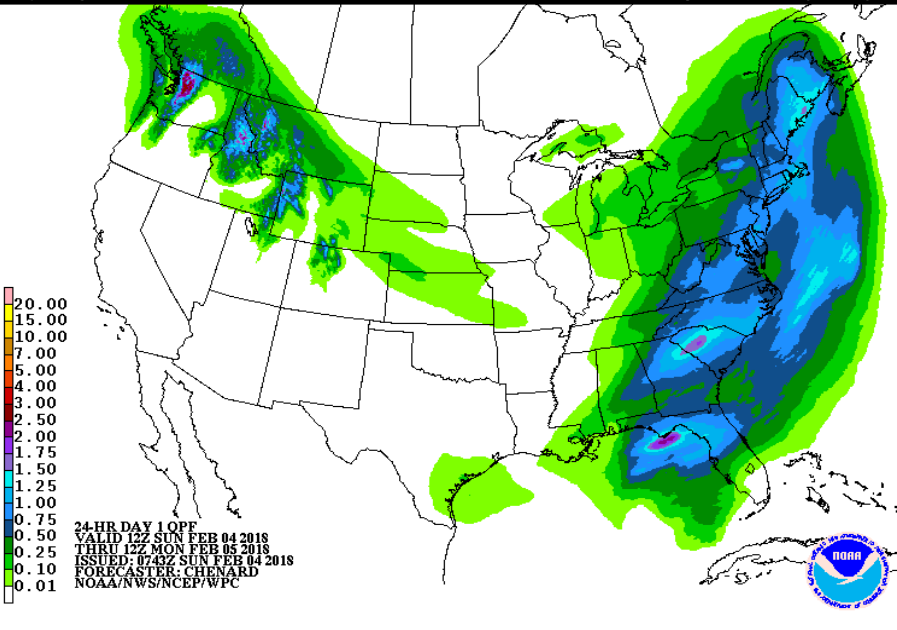
Today's Weather



Day 1 National Forecast Chart

Valid Sun, Feb 04, 2018, issued 3:59 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Reinhart with WPC/SPC/NHC forecasts

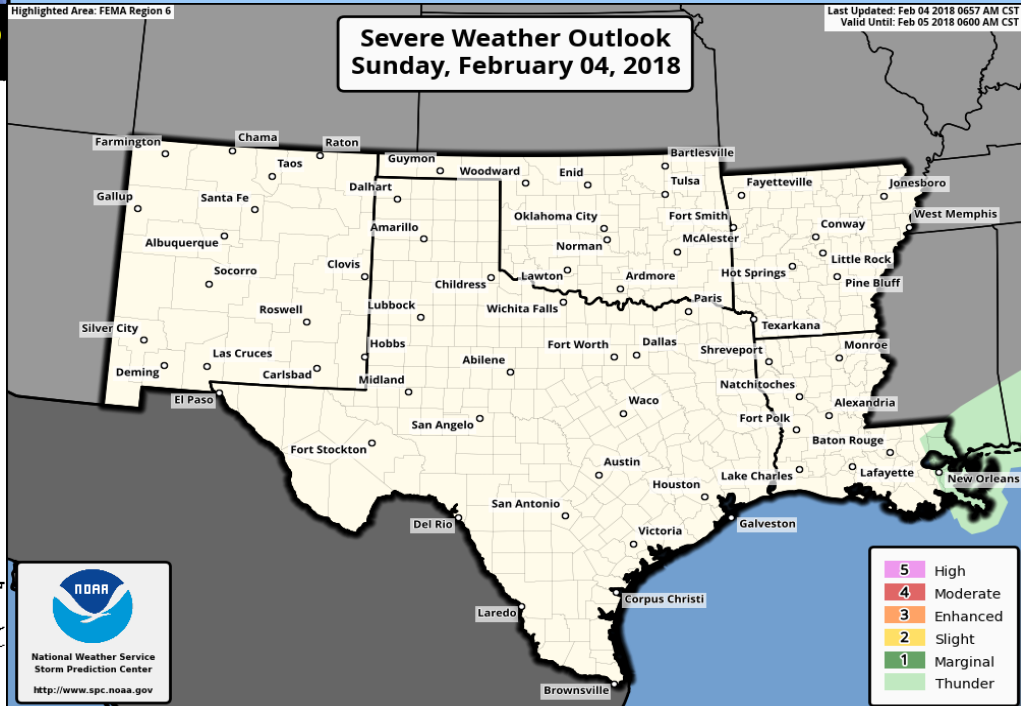
Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



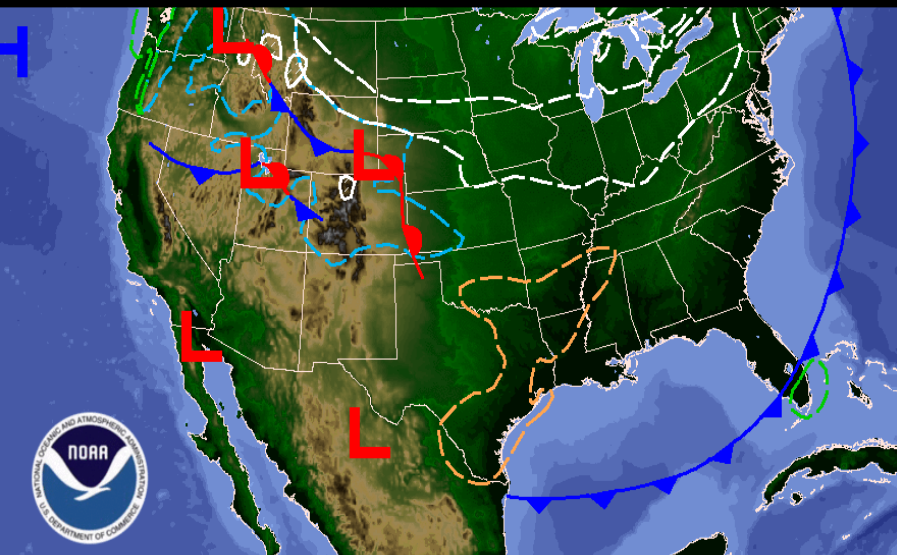
No significant weather expected.

Severe Weather Outlook Sunday, February 04, 2018

Last Updated: Feb 04 2018 0657 AM CST
Valid Until: Feb 05 2018 0600 AM CST



Tomorrow's Weather

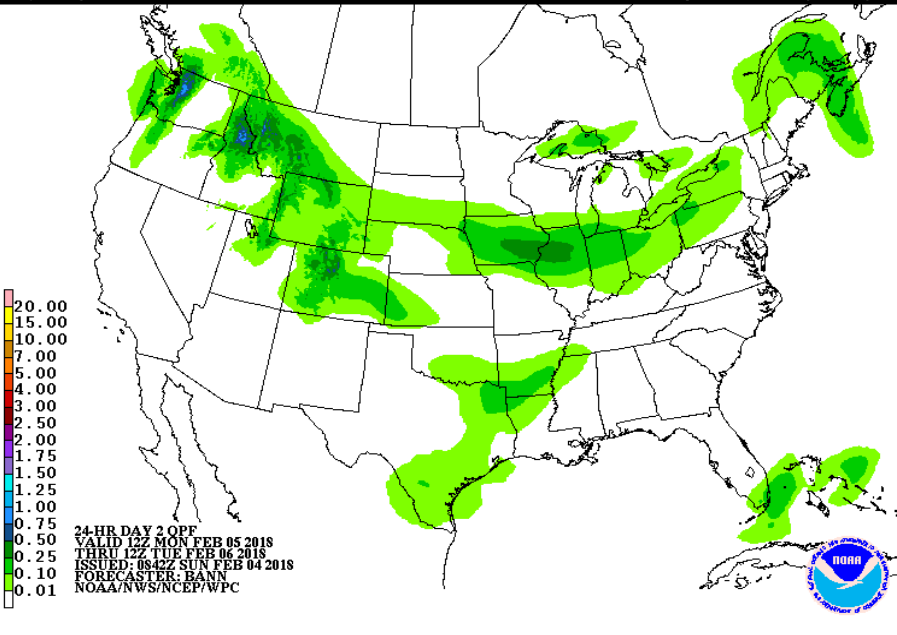


Day 2 National Forecast Chart

Valid Mon, Feb 05, 2018, issued 4:02 AM EST Sun, Feb 04, 2018
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Reinhart with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow

Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

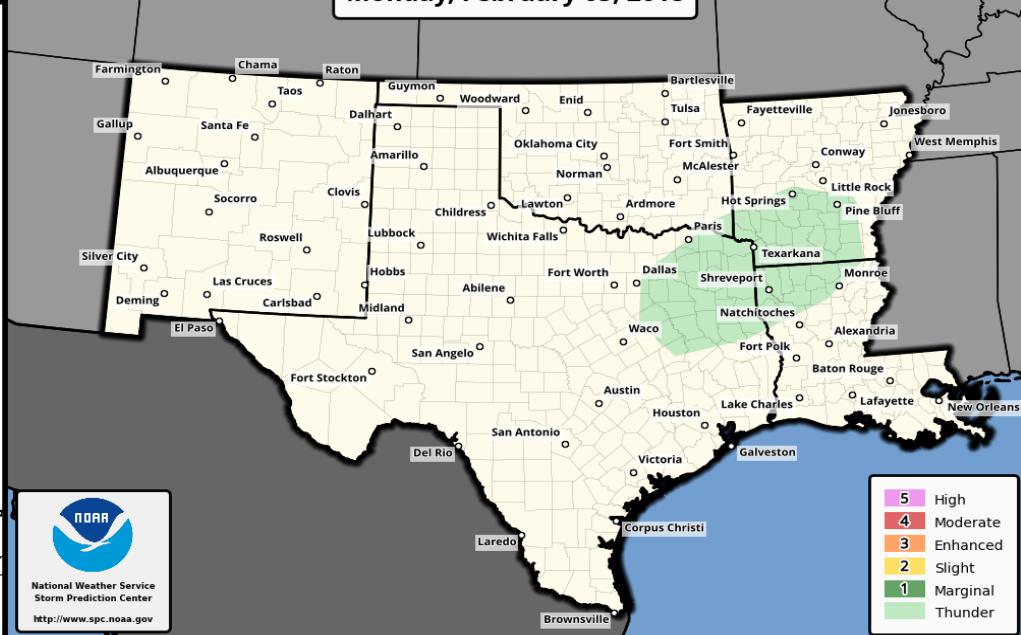


Elevated Fire Weather Conditions in E NM

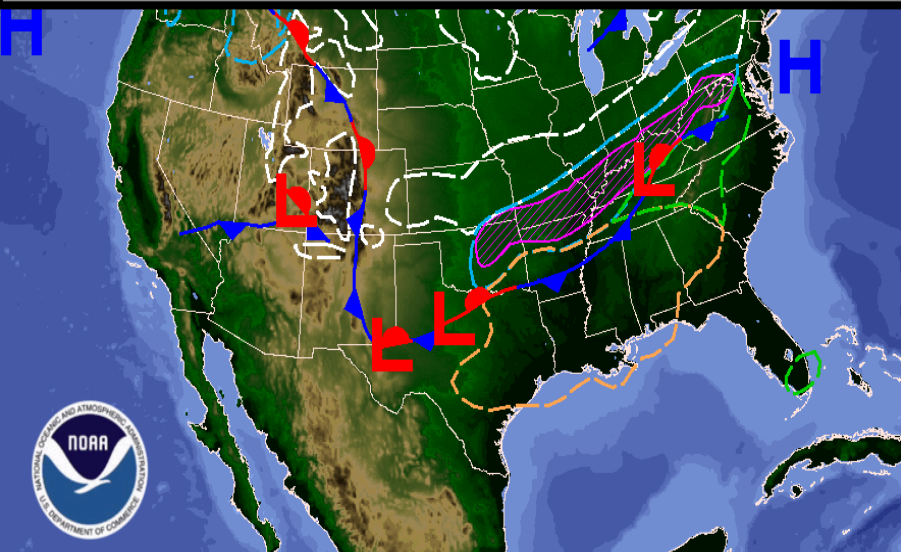
Highlighted Area: FEMA Region 6

Severe Weather Outlook Monday, February 05, 2018

Last Updated: Feb 03 2018 1143 PM CST
 Valid Until: Feb 06 2018 0600 AM CST



Tuesday's Weather



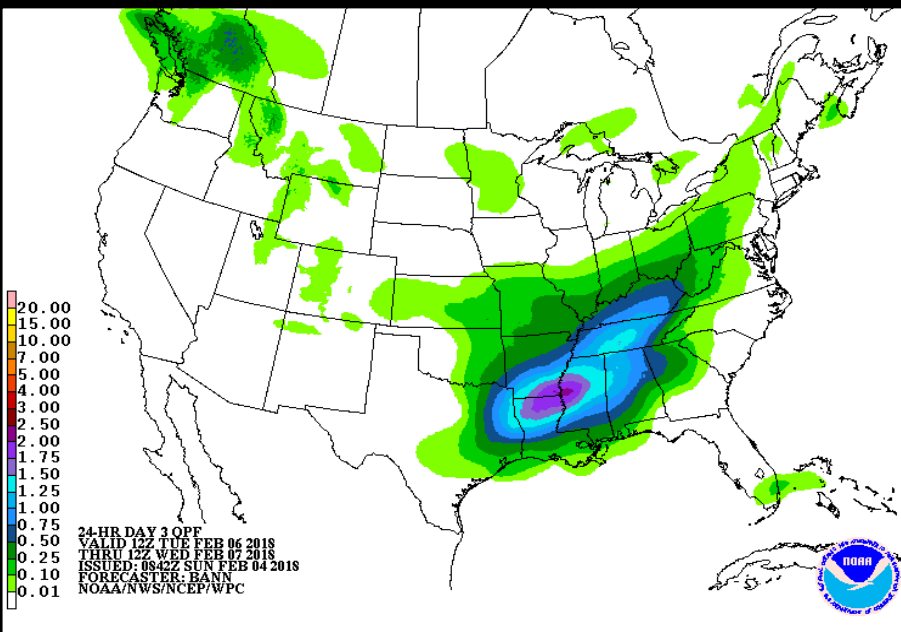
Isolated heavy rain/flash flooding possible in
NE TX, N LA, S AR

Elevated Fire Weather Conditions in E NM

Day 3 National Forecast Chart

Valid Tue, Feb 06, 2018, issued 4:04 AM EST Sun, Feb 04, 2018
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Reinhart with WPC/SPC/NHC forecasts

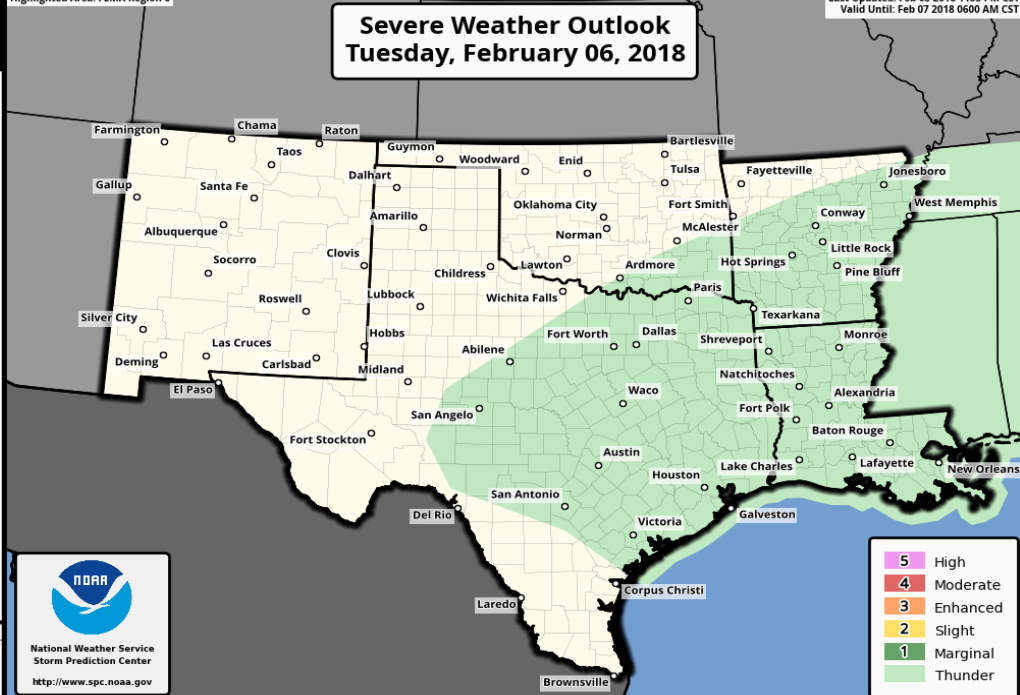
Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

Severe Weather Outlook Tuesday, February 06, 2018

Last Updated: Feb 03 2018 1153 PM CST
Valid Until: Feb 07 2018 0600 AM CST

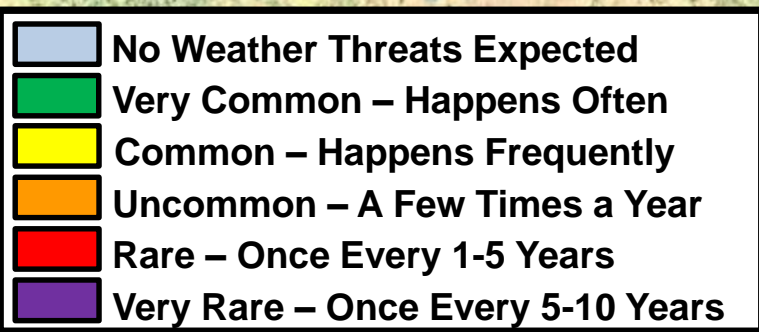


Day 4-5 Weather Hazards

Wednesday-Thursday



**Elevated
Fire
Weather
Conditions
Thursday**

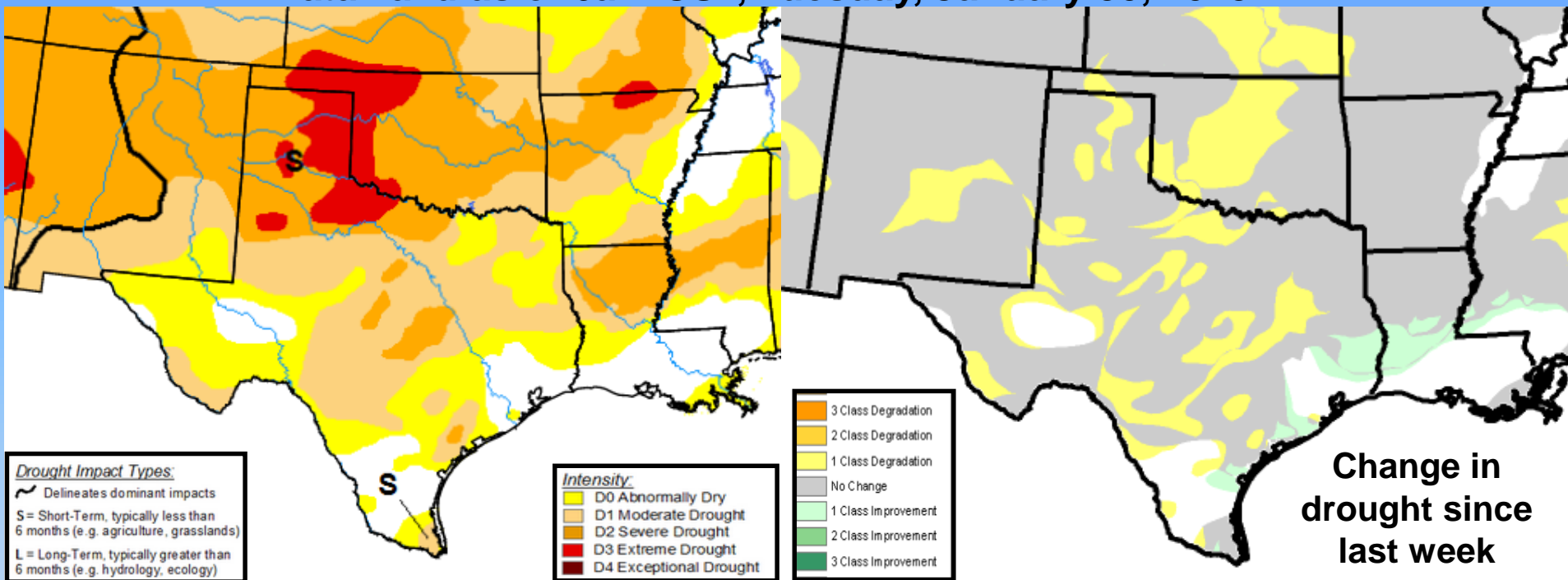


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released February 1, 2018

Data valid as of 6am CST, Tuesday, January 30, 2018



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	2.37%	2.37%	0.00%	2.02%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	21.11%	14.56%	0.00%	3.90%
Texas	7.30%	4.25%	0.00%	0.01%
New Mexico	0.27%	0.00%	0.00%	0.00%

Space Weather 3-Day Forecast



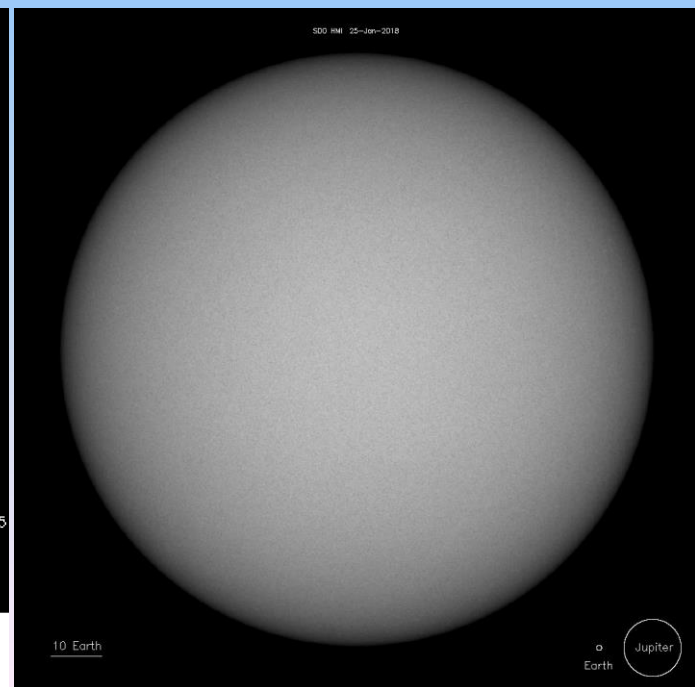
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms